

155.4 A (55 ML) 67.8 A (24 ML) 39.6 A (14 ML) 98.9 A (35 ML) 56.5 A (20 ML) 81.9 A (29 ML) 25.4 A (9 ML) 25.4 A (9 ML) $1.9 \times 10^{12} \text{cm}^3$ UNDOPED UNDOPED UNDOPED UNDOPED UNDOPED UNDOPED UNDOPED Alo.156ao.25As Alo. 15^{6a}0. 25^{AS} Alo. 15⁶³0. 25^{AS} FIG. 2 GaAs GaAs GaAs GaAs ŧ ŧ MOW ACTIVE REGION (-104m) n+ GaAs SUBSTRATE \$₹ 16 7 ≳₹



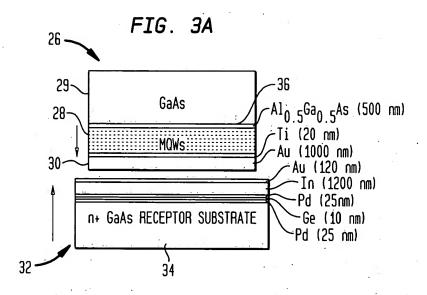


FIG. 3B

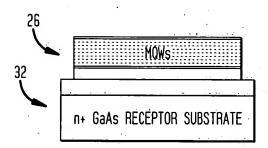
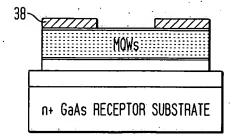


FIG. 3C





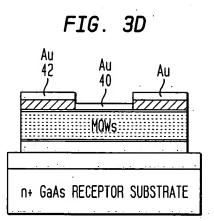


FIG. 3E

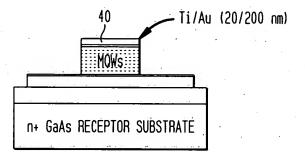




FIG. 4A

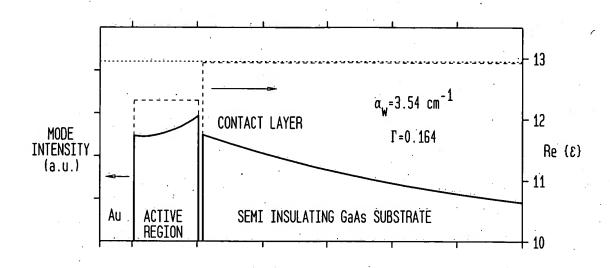
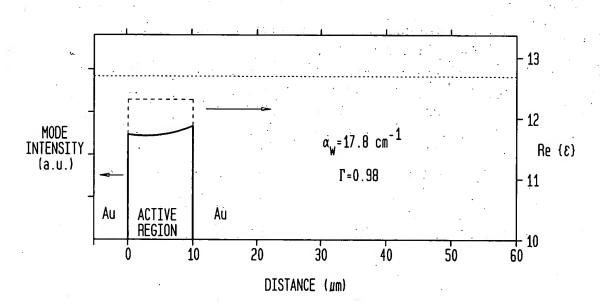


FIG. 4B





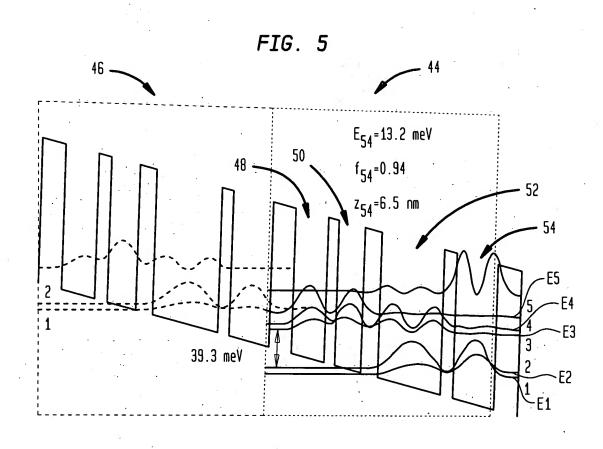
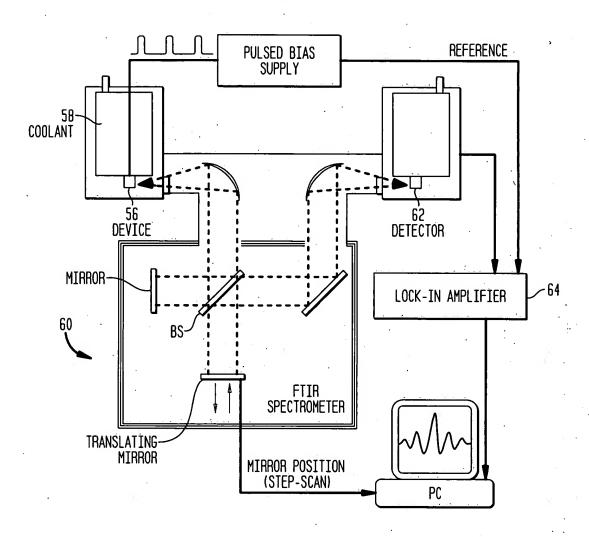




FIG. 6





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FIG. 7

WAVELENGTH (µm)

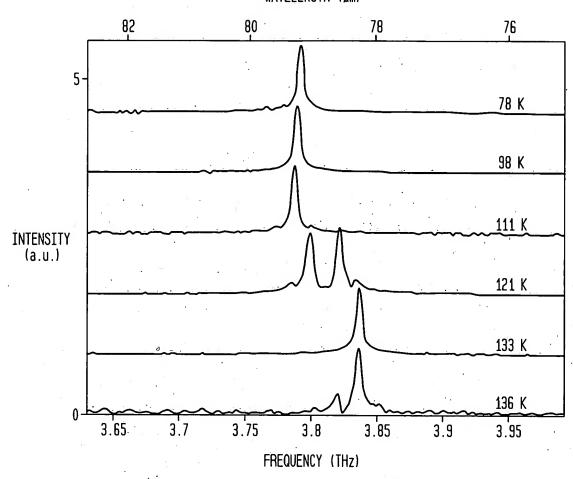


FIG. 8

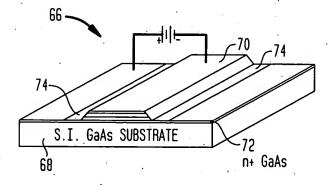
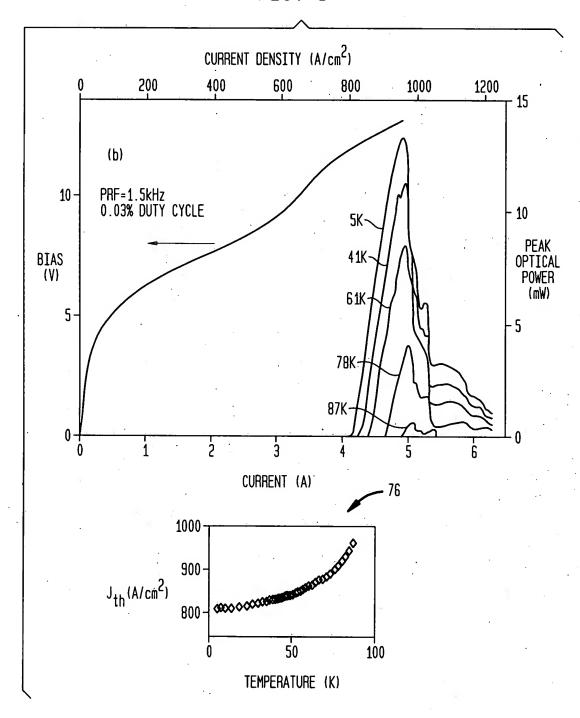




FIG. 9





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FIG. 10

